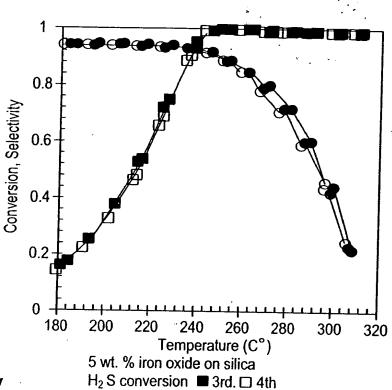
ppl. No. 09/764,001 Docket No.: VER-110AX

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Selectivity tv S. ●3rd, ○4th

**FIG.** 1

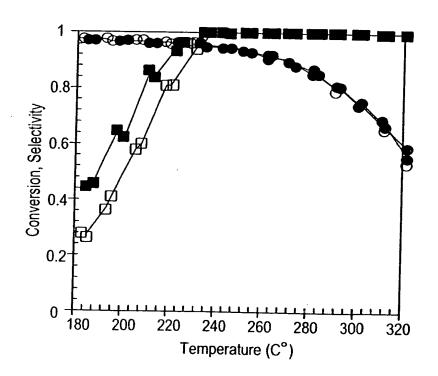
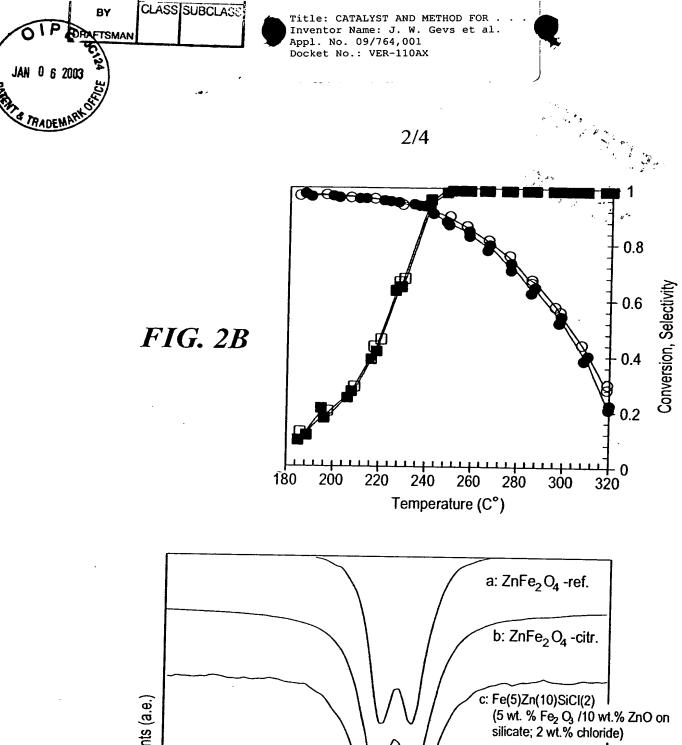


FIG. 2A



a: ZnFe<sub>2</sub>O<sub>4</sub> -ref.

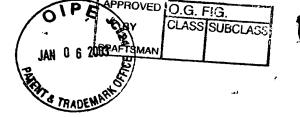
b: ZnFe<sub>2</sub>O<sub>4</sub> -citr.

c: Fe(5)Zn(10)SiCl(2)
(5 wt. % Fe<sub>2</sub> O<sub>3</sub> /10 wt.% ZnO on silicate; 2 wt.% chloride)

c: Fe(5)Zn(10)Si
(5 wt. % Fe<sub>2</sub>O<sub>3</sub>/10 wt.% ZnO on silicate; no chloride)

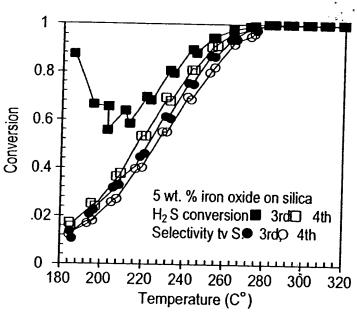
FIG. 3

Doppler Velocity (mm/s)



Title: CATALYST AND METHOD FOR . Inventor Name: J. W. Gevs et al. Appl. No. 09/764,001 Docket No.: VER-110AX

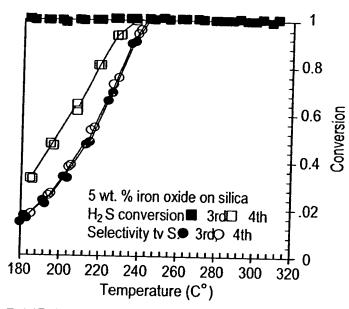
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Fe/Zn catalyst

- a) Fe(5)Zn(10)Si-Cl. (5 wt.% Fe Q \( \frac{1}{3}\)10 wt. % ZnO on silicate, with CL)
- b) Fe(5)Zn(10)Si. (5 wt.% Fe Q 110 wt. % ZnO on silicate, no CL)

## FIG. 4A



Fe/Zn catalyst

- a) Fe(5)Zn(10)Si-Cl. (5 wt.% Fe Q \( \frac{1}{3}\)10 wt. % ZnO on silicate, with CL)
- b) Fe(5)Zn(10)Si. (5 wt.% Fe Q 10 wt. % ZnO on silicate, no CL)

## FIG. 4B

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